

AMENDMENTS

In the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of repairing an electroluminescent display panel using laser, comprising:

providing a panel to be assembled into an electroluminescent display device, the panel comprising a plurality of pixels each including an electroluminescent element having an electroluminescent layer formed between an anode layer and a cathode layer;

detecting a foreign substance adhering to [[the]] an electroluminescent element; and
irradiating with a laser beam a region of the display panel that is away from the foreign substance so that a high resistivity region is formed as a result of a melting by the laser beam of the electroluminescent layer between the anode layer and the cathode layer and around the foreign substance,

wherein the laser beam is not directly incident on the detected foreign substance but is still incident on a portion of the electroluminescent element having the foreign substrate thereon so that other portion of the electroluminescent element having the foreign substrate thereon emits light, [[and]]

the electroluminescent layer comprises a layered structure of a hole transport layer, an emissive layer and an electron transport layer, and during the melting of the electroluminescent layer the hole transport layer, the emissive layer and the electron transport layer are melted together so that the layered structure disappears and the high resistivity region comprising melted constituents of the hole transport layer, the emissive layer and the electron transport layer is formed between the anode layer and the cathode layer, and

at the portion of the electroluminescent element on which the laser beam is incident, the anode layer and the cathode do not lose a layer structure thereof and remain on and below the melted constituents of the layered structure.

2. (Original) The method of claim 1, wherein the laser beam irradiation is repeated a plurality of times so that a plurality regions of the display panel around the foreign substance is irradiated.

3. (Original) The method of claim 1, wherein a wavelength of the laser beam is 532 nm or lower.

4. (Original) The method of claim 2, wherein a wavelength of the laser beam is 532 nm or lower.

5. (Original) The method of claim 1, wherein the irradiated region of the display panel is away from the foreign substance by a distance between 5 μm and 10 μm .

6. (Original) The method of claim 2, wherein the irradiated region of the display panel is away from the foreign substance by a distance between 5 μm and 10 μm .

7. (Previously Presented) The method of claim 1, wherein the irradiation with the laser beam is performed so that the high resistivity region is in contact with an entire lateral edge of the foreign substance.